

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-9 (Canceled)

10. (Currently Amended) A silicone composition crosslinkable into an adhesive gel by hydrosilylation, comprising:

(A) at least one polyorganosiloxane POS (I) ~~containing~~ having:

a) endgroup siloxyl units of type $M = (R)_2(H)SiO_{1/2}$ in which the R radicals, which may be identical or different, are each an optionally substituted linear or branched C_1 - C_6 alkyl radical and/or a substituted or unsubstituted aryl radical, and

b) identical or different siloxyl units of type $D = (R^1)_p(H)_qSiO_{2/2}$ in which the R^1 radicals have the same definition as R and $p = 1$ or 2 , $q = 0$ or 1 and $p + q = 2$;

with the proviso that the polyorganosiloxane POS (I) comprises at least two SiH radicals per molecule;

(B) at least one polyorganosiloxane POS (II) ~~containing~~ having:

a) endgroup siloxyl units of type $M = (X)_s(R^2)_tSiO_{1/2}$ in which the R^2 radicals have the same definition as R, the X radicals are alkenyl radicals having from 2 to 6 carbon atoms, $s = 0$ or 1 , $t = 2$ or 3 and $s + t = 3$; and

b) identical or different siloxyl units of type $D = (X)_u(R^3)_vSiO_{2/2}$ in which the R^3 radicals have the same definition as R, the X radicals are alkenyl radicals having from 2 to 6 carbon atoms, $u = 0$ or 1 , $v = 1$ or 2 and $u + v = 2$,

with the proviso that the polyorganosiloxane POS (II) comprises at least two X radicals per molecule;

(C) at least one monofunctional polyorganosiloxane POS (III) which is essentially linear, having less than 2 mol% of siloxyl unit $T = RSiO_{3/2}$, and which comprises, per molecule, one alkenyl radical (X) having from 2 to 6 carbon atoms directly bonded to a silicon atom, the said POS (III) ~~containing~~ having:

a) identical or different endgroup siloxyl units of type $M = (X)_w(R^4)_xSiO_{1/2}$ in which the R^4 radicals have the same definition as R, $w = 0$, $x = 3$; and

b) at least one siloxyl unit $D = (X)_y(R^5)_zSiO_{2/2}$ in which the R^5 radicals have the same definition as R, $y = 1$, $z = 1$,

(D) an effective amount of at least one hydrosilylation reaction catalyst; and

(E) optionally, at least one nonfunctionalized polyorganosiloxane POS (IV) ~~containing~~ having:

a) endgroup siloxyl units of type $M = (R^6)_3SiO_{1/2}$ in which the R^6 radicals have the same definition as R, and

b) identical or different siloxyl units of type $D = (R^7)_2SiO_{2/2}$ in which the R^7 radicals have the same definition as R;

with the proviso that the amount of the constituents (A), (B), (C) and (E) is such that the molar ratio \underline{r} of the hydrogen atoms bonded to silicon to the alkenyl radicals (X) bonded to silicon ranges from 0.2:1 to 5:1.

11. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, in which the molar ratio \underline{r} ranges from 0.5:1 to 1.5:1.

12. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, in which the molar ratio \underline{r} is 1:1.

13. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, in which the R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^7 and R^8 radicals are methyl radicals.

14. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, in which the hydrosilylation reaction catalyst is based on platinum.

15. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, in which:

the POS (I) is substantially linear and has a dynamic viscosity of less than or equal to 10,000 mPa•s;

the POS (II) is substantially linear and has a dynamic viscosity of less than or equal to 200,000 mPa•s;

the POS (III) has a dynamic viscosity of less than or equal to 150,000 mPa•s;
and/or

the POS (IV) is present and is substantially linear and has a dynamic viscosity of less than or equal to 50,000 mPa•s.

16. (Previously Presented) A system with at least two components (AI) and (BI) comprising the constituents (A), (B), (C) and (D) and optionally the constituent (E) of the silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, with the condition that the hydrosilylation reaction catalyst (D) is separate from the constituent (B).

17. (Previously Presented) A crosslinked adhesive gel obtained by crosslinking the silicone composition as defined by Claim 10.

18. (Previously Presented) A crosslinked adhesive gel obtained by crosslinking the system as defined by Claim 16.

19. (Previously Presented) An adhesive, coating, leaktight mastic, encapsulated electronic device, implant, prosthesis, impact-cushioning element, cement or dressing comprising the crosslinked adhesive gel as defined by Claim 17.

20. (Previously Presented) An adhesive, coating, leaktight mastic, encapsulated electronic device, implant, prosthesis, impact-cushioning element, cement or dressing comprising the crosslinked adhesive gel as defined by Claim 18.

21. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, wherein POS (II) and POS (III), the radicals X are vinyl radicals.

22. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, said POS (III) having less than 1.5 mol% of siloxyl unit $T = \text{RSiO}_{3/2}$.

23. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 10, said POS (III) having less than 1 mol% of siloxyl unit $T = \text{RSiO}_{3/2}$.

24. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 15, said POS (I) having a dynamic viscosity of less than or equal to 6,000 mPa•s, said POS (II) having a dynamic viscosity of less than or equal to 170,000 mPa•s, said POS (III) having a dynamic viscosity ranging from 20 to 100,000 mPa•s and/or said POS (IV) having a dynamic viscosity ranging from 20 to 40,000 mPa•s.

25. (Previously Presented) The silicone composition crosslinkable into an adhesive gel by hydrosilylation as defined by Claim 23, said POS (I) having a dynamic viscosity ranging from 5 to 5,000 mPa•s and said POS (II) having a dynamic viscosity ranging from 20 to 165,000 mPa•s.